

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas
is not required by Federal law.

C | A | D | 0 | 8 | 6 | 5 | 1 | 0 | 0 | 0 | 5 | 8 | 5 | 6 | 3 | 6

of 1

3. Generator's Name and Mailing Address

Douglas Aircraft Company Attn: Rob Tuell M/S C6-59
19503 South Normandie Ave, Torrance, CA 90502

4. Generator's Phone (310) 533-7926 or (310) 533-7231

5. Transporter 1 Company Name

Laidlaw Environmental Services of CA, Inc.

6. US EPA ID Number

C | A | D | 0 | 0 | 0 | 0 | 8 | 3 | 1 | 2 | 1

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Appropriate Technologies, Inc.
1700 Maxwell Road
Chula Vista, CA 92011

10. US EPA ID Number

C | A | T | 0 | 8 | 0 | 0 | 1 | 0 | 1 | 0 | 1

A. State Manifest Document Number

93385636

B. State Generator's ID

H | A | H | Q | 3 | 6 | 0 | 0 | 5 | 6 | 9 | 8

C. State Transporter's ID

423510

D. Transporter's Phone

(310) 518-4700

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

C | A | T | 0 | 8 | 0 | 0 | 1 | 0 | 1 | 0 | 1

H. Facility's Phone

(619) 421-1175

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

I. Waste Number

ORQ, Waste oxidizing substances, solid,
corrosive, n.o.s., 5.1, UN3085, PG III
(Potassium nitrate, potassium hydroxide)

006

DIM

02250

P

State 181

EPA/Other 0001

Nickel catalyst balls
Non-RCRA hazardous waste solid

001

DIM

00320

P

State 181

EPA/Other N/R

c.

State

EPA/Other

d.

State

EPA/Other

1. Additional Descriptions for Materials Listed Above

1a) 38420- Kerosene tank 90
b) 38421- Nickel catalyst balls

K. Handling Codes for Wastes Listed Above

a. 15

b. 1403

c.

d.

15. Special Handling Instructions and Additional Information

24 Hour emergency response telephone number (800) 424-9300 (Chemtrec) DOT ERG#a) 42 b) 31

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Robert G. Tuell, Jr.

Signature

Robert G. Tuell, Jr.

Month Day Year

04 05 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

O'NEIL CARTER

Signature

O'Neil Carter

Month Day Year

04 05 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

JOHN J. KARAN

Signature

John J. KARAN

Month Day Year

04 11 94

DO NOT WRITE BELOW THIS LINE.

APPROPRIATE TECHNOLOGIES, INC.
CALIFORNIA LAND DISPOSAL RESTRICTION NOTIFICATION

PART I: Generator Information.

GENERATOR NAME Douglas Aircraft Company
CAD 086 510 005 85636 93385636 93385636 38421
EPA ID # MANIFEST # PROFILE #

The waste(s) identified on the above referenced manifest and bearing the California waste number(s) identified below is subject to the Land Disposal Restrictions of CCR, Title 22, Chapter 30.

PART II: Waste Identification.

California waste number(s) 181

Check the appropriate lines. (More than one line may apply.)

- ☐ 1. RCRA regulated waste
- ☐ 2. Non-RCRA metal-containing aqueous waste identified on CCR, Title 22, 67702(b) (1).
- ☐ 3. PCB wastes identified in CCR, Title 22, 67702(b) (2). (Not acceptable at APTEC)
- ☐ 4. Non-RCRA metal-containing solid waste identified in CCR, Title 22, 67702(b) (7).
Prohibition effective date May 8, 1992.
- ☐ 5. Non-RCRA aqueous and liquid waste containing any organic compound identified by EPA Test Methods 8080, 8140, 8150, 8240, and/or 8270. Prohibition effective date May 8, 1992.
(Reference CCR, Title 22, 67702 (b)(10).)
- ☐ 6. Non-RCRA solid waste containing any organic compound identified by EPA Test Methods 8080, 8140, 8150, 8240, and/or 8270. Prohibition effective date May 8, 1992. (Reference CCR, Title 22, 67702 (b)(11).)
- ☐ 7. Other Non-RCRA, California regulated waste, category includes lab packs, California extremely small quantity generators, and household hazardous waste exempted in the Health and Safety Code Section 25179.9.

PART III: Handling Method.

Check the appropriate lines. (More than one line may apply.)

- ☐ 1. The RCRA waste identified above must be handled in accordance with the attached EPA LAND DISPOSAL RESTRICTION NOTIFICATION.
- ☐ 2. The waste identified above must be treated to meet the applicable standards in CCR, Title 22, Division 4, Chapter 30, Article 41.
- ☐ 3. The waste identified above meets the applicable treatment standard.
"I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Division 4, Chapter 30, Article 41. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- ☐ 4. The waste identified above is subject to a variance. The expiration date of the variance is indicated in the WASTE IDENTIFICATION section above.
- ☐ 5. The Non-RCRA waste identified above is not currently restricted from land disposal.

PART IV: Generator Certification.

I hereby certify that all information supplied above and on all associated documents is true, complete and accurate to the best of my knowledge and that no omissions or errors exist.

Signature Robert G. Tuell, Jr. Date: 04-05-94
Print or Type Name: Robert G. Tuell, Jr.
Title: Senior Plant Engineer

ATTACHMENT I

ADDITIONAL NOTIFICATION FOR F001-F005, AND CALIFORNIA LIST WASTES

For Part II, Line 1 of the LDR Notification (F001-F005)

This waste must be treated to meet the following treatment standards (check the appropriate line):

_____ F001 _____ F002 _____ F003 _____ F004 _____ F005

<u>WASTE CODE</u>	<u>REGULATED HAZARDOUS CONSTITUENT</u>	<u>WASTEWATERS CONCENTRATION (mg/l)</u>	<u>NONWASTEWATERS CONCENTRATION (mg/l)</u>
<u>TABLE CCWE</u>			
F001-F005 spent solvents	Acetone	0.05	0.59
	n-Butyl alcohol	5.0	5.0
	Carbon disulfide	1.05	4.81
	Carbon tetrachloride	0.05	0.96
	Chlorobenzene	0.15	0.05
	Cresols (and cresylic acid)	2.82	0.75
	Cyclohexanone	0.125	0.75
	1,2 — Dichlorobenzene	0.65	0.125
	Ethyl acetate	0.05	0.75
	Ethyl benzene	0.05	0.053
	Ethyl ether	0.05	0.75
	Isobutanol	5.0	5.0
	Methanol	0.25	0.75
	Methylene chloride	0.2	0.96
	Methyl ethyl ketone	0.05	0.76
	Methyl isobutyl ketone	0.05	0.33
	Nitrobenzene	0.66	0.125
	Pyridine	1.12	0.33
	Tetrachloroethylene	0.079	0.05
	Toluene	1.12	0.33
	1,1,1, — Trichlorethane	1.05	0.41
	1,1,2, — Trichloro-		
	1,2,2, — Trifluorethane	1.05	0.96
	Trichloroethylene	0.062	0.091
	Trichlorofluoromethane	0.05	0.96
	Xylene	0.05	0.15

TABLE CCW

F001-F005 spent solvents	1,1,2, Trichloroethane	0.030	7.80
	Benzene	0.070	3.70
F001-F005 spent solvents (Pharmaceutical Industry Wastewater Subcategory)	Methylene chloride	0.44	NA

REQUIRED METHOD

F005	2-Nitropropane	INCIN	INCIN
F005	2-Ethoxyethanol	INCIN	INCIN

For Part II, Line 5, 6, or 7 of the LDR Notification (California List)

This waste must be treated as indicated below if it is (a) a D001, D002, D003, D004, D005, D006, D007, D008, D009, D010, D011, or subject to a "capacity variance" — and meets the definition of a "California List" waste; or (b) a liquid hazardous waste ≥ 50 ppm PCBs, or ≥ 134 mg/l Ni, or ≥ 130 mg/l Tl. Check the appropriate line below:

- _____ HOC ≥ 1000 ppm; incinerate
- _____ liquid, PCB ≥ 50 ppm; incinerate (Not acceptable at APTEC)
- _____ liquid, pH ≤ 2 : Neutralize
- _____ liquid, free cyanides ≥ 1000 ppm: *
- _____ liquid, As ≥ 500 mg/l: *
- _____ liquid, Cd ≥ 100 mg/l: *
- _____ liquid, Cr ≥ 500 mg/l: *
- _____ liquid, Pb ≥ 500 mg/l: *
- _____ liquid, Hg ≥ 20 mg/l: *
- _____ liquid, Ni ≥ 134 mg/l: *
- _____ liquid, Se ≥ 100 mg/l: *
- _____ liquid, Tl ≥ 130 mg/l: *

* Treat to below California List concentration, or to non-liquid form.

APPROPRIATE TECHNOLOGIES, INC.
CALIFORNIA LAND DISPOSAL RESTRICTION NOTIFICATION

PART I: Generator Information.

GENERATOR NAME Douglas Aircraft Company
CAD 086 510 005 85636/93385636 38420
EPA ID # MANIFEST # PROFILE #

The waste(s) identified on the above referenced manifest and bearing the California waste number(s) identified below is subject to the Land Disposal Restrictions of CCR, Title 22, Chapter 30.

PART II: Waste Identification.

California waste number(s) 181

Check the appropriate lines. (More than one line may apply.)

- ☐ 1. RCRA regulated waste
- ☐ 2. Non-RCRA metal-containing aqueous waste identified on CCR, Title 22, 67702(b) (1).
- ☐ 3. PCB wastes identified in CCR, Title 22, 67702(b) (2). (Not acceptable at APTEC)
- ☐ 4. Non-RCRA metal-containing solid waste identified in CCR, Title 22, 67702(b) (7).
Prohibition effective date May 8, 1992.
- ☐ 5. Non-RCRA aqueous and liquid waste containing any organic compound identified by EPA Test Methods 8080, 8140, 8150, 8240, and/or 8270. Prohibition effective date May 8, 1992.
(Reference CCR, Title 22, 67702 (b)(10).)
- ☐ 6. Non-RCRA solid waste containing any organic compound identified by EPA Test Methods 8080, 8140, 8150, 8240, and/or 8270. Prohibition effective date May 8, 1992. (Reference CCR, Title 22, 67702 (b)(11).)
- ☐ 7. Other Non-RCRA, California regulated waste, category includes lab packs, California extremely small quantity generators, and household hazardous waste exempted in the Health and Safety Code Section 25179.9.

PART III: Handling Method.

Check the appropriate lines. (More than one line may apply.)

- ☐ 1. The RCRA waste identified above must be handled in accordance with the attached EPA LAND DISPOSAL RESTRICTION NOTIFICATION.
- ☐ 2. The waste identified above must be treated to meet the applicable standards in CCR, Title 22, Division 4, Chapter 30, Article 41.
- ☐ 3. The waste identified above meets the applicable treatment standard.
"I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Division 4, Chapter 30, Article 41. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- ☐ 4. The waste identified above is subject to a variance. The expiration date of the variance is indicated in the WASTE IDENTIFICATION section above.
- ☐ 5. The Non-RCRA waste identified above is not currently restricted from land disposal.

PART IV: Generator Certification.

I hereby certify that all information supplied above and on all associated documents is true, complete and accurate to the best of my knowledge and that no omissions or errors exist.

Signature Robert G. Tuell, Jr. Date: 04-05-94
Print or Type Name: Robert G. Tuell, Jr.
Title: Senior Plant Engineer

ATTACHMENT I

ADDITIONAL NOTIFICATION FOR F001-F005, AND CALIFORNIA LIST WASTES

For Part II, Line 1 of the LDR Notification (F001-F005)

This waste must be treated to meet the following treatment standards (check the appropriate line):

_____ F001 _____ F002 _____ F003 _____ F004 _____ F005

WASTE CODE	REGULATED HAZARDOUS CONSTITUENT	WASTEWATERS CONCENTRATION (mg/l)	NONWASTEWATERS CONCENTRATION (mg/l)
TABLE CCWE			
F001-F005 spent solvents	Acetone	0.05	0.59
	n-Butyl alcohol	5.0	5.0
	Carbon disulfide	1.05	4.81
	Carbon tetrachloride	0.05	0.96
	Chlorobenzene	0.15	0.05
	Cresols (and cresylic acid)	2.82	0.75
	Cyclohexanone	0.125	0.75
	1,2 - Dichlorobenzene	0.65	0.125
	Ethyl acetate	0.05	0.75
	Ethyl benzene	0.05	0.053
	Ethyl ether	0.05	0.75
	Isobutanol	5.0	5.0
	Methanol	0.25	0.75
	Methylene chloride	0.2	0.96
	Methyl ethyl ketone	0.05	0.76
	Methyl isobutyl ketone	0.05	0.33
	Nitrobenzene	0.66	0.125
	Pyridine	1.12	0.33
	Tetrachloroethylene	0.079	0.05
	Toluene	1.12	0.33
	1,1,1, - Trichlorethane	1.05	0.41
	1,1,2, - Trichloro-		
	1,2,2, - Trifluoroethane	1.05	0.96
	Trichloroethylene	0.062	0.091
	Trichlorofluoromethane	0.05	0.96
	Xylene	0.05	0.15

TABLE CCW

F001-F005 spent solvents	1,1,2, Trichloroethane	0.030	7.80
	Benzene	0.070	3.70
	Methylene chloride	0.44	NA

F001-F005
spent solvents
(Pharmaceutical
Industry Wastewater
Subcategory)

REQUIRED METHOD

F005	2-Nitropropane	INCIN	INCIN
F005	2-Ethoxyethanol	INCIN	INCIN

For Part II, Line 5, 6, or 7 of the LDR Notification (California List)

This waste must be treated as indicated below if it is (a) a D001, D002, D003, D004, D005, D006, D007, D008, D009, D010, D011, or subject to a "capacity variance" — and meets the definition of a "California List" waste; or (b) a liquid hazardous waste ≥ 50 ppm PCBs, or ≥ 134 mg/l Ni, or ≥ 130 mg/l TI. Check the appropriate line below:

- _____ HOC ≥ 1000 ppm; incinerate
- _____ liquid, PCB ≥ 50 ppm; incinerate (Not acceptable at APTEC)
- _____ liquid, pH ≤ 2 : Neutralize
- _____ liquid, free cyanides ≥ 1000 ppm: *
- _____ liquid, As ≥ 500 mg/l: *
- _____ liquid, Cd ≥ 100 mg/l: *
- _____ liquid, Cr ≥ 500 mg/l: *
- _____ liquid, Pb ≥ 500 mg/l: *
- _____ liquid, Hg ≥ 20 mg/l: *
- _____ liquid, Ni ≥ 134 mg/l: *
- _____ liquid, Se ≥ 100 mg/l: *
- _____ liquid, TI ≥ 130 mg/l: *

* Treat to below California List concentration, or to non-liquid form.

APPROPRIATE TECHNOLOGIES, INC.
LAND DISPOSAL RESTRICTION NOTIFICATION

INSTRUCTIONS: Complete Part I. Check and complete Part II or Part III. Complete and sign Part IV. You need only return pages 1-3 unless instructed to also return Attachment I and/or II as indicated on page 1. Do not return Attachment 3.

PART I: Generator Profile and Manifest Information

1. Generator Name: Douglas Aircraft Company EPA ID #: CAD 086 510 005
2. Address: 19503 South Normandie Avenue
3. City: Torrance State: CA Zip: 90502
4. Profile Number: 38420 Manifest #: 85636/93385636
5. EPA Waste Codes (list ALL codes for this stream and all relevant subcategories — see page 2 of this form):
D001

6. This stream is (check one) a wastewater (<1% total organic carbon and <1% total suspended solids) X nonwastewater.
Some exceptions exist to this definition, please consult your Greenfield Customer Service Representative for details.

PART II: Wastes Subject to Land Disposal Restrictions (If the waste is non-RCRA, non-hazardous or a "newly listed waste" identified in Part III below, complete Part III rather than Part II.)

X Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that under the above profile number and manifest number, I am shipping to you a waste identified by the EPA waste code(s) and subcategory(ies) listed in Part I above, which is subject to the EPA Land Disposal Restrictions, as checked below.

A. Check line 1, 2, 3 and / or 4 as applicable

1. Treatment standards, as I have indicated in Attachment I, which I am enclosing for F001: F002: F003: F004: F005.
 2. Numerical treatment standard(s) specified in 40 CFR 268.41(a) (Table CCWE), per Attachment III.
X 3. Treatment standard(s) expressed as specified technology(ies) in 40 CFR 268.42(a), for which the required technology, per Attachment III, is X INCIN: DEACT: ADGAS fb NEUTR: IMERC: STABL: RTHRM: RMERC: RLEAD: NLDBR.
 4. Numerical treatment standard(s) specified in 40 CFR 268.43(a) (Table CCW), per Attachment III.

B. Also check one or more of the following lines as applicable.

5. A D001-D011 waste which (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment I, which I am enclosing.
 6. Treatment standard(s) with a "capacity variance" until 199 , per Attachment III, as I have checked on the enclosed Attachment II. The waste (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment I, which I am enclosing.
 7. A nickel, thallium, or HOC "California List" waste (see definition below). I have checked the "California List" section of Attachment I, which I am enclosing.
 8. A specific extension or variance (other than a "capacity variance"), as I have checked on Line E or F of Attachment II, which I am enclosing.
 9. The waste already meets all relevant treatment standards. I have signed the required certification page of Attachment II, which I am enclosing.

PART III: Wastes currently NOT subject to Land Disposal Restrictions

 Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that, under the above profile number and manifest number, I am shipping to you a waste which is non-RCRA, non-hazardous, or identified by the EPA waste code(s) listed in Part I above. The waste is not currently subject to EPA Land Disposal Restrictions because the waste is non-RCRA, non-hazardous, or consists only of one or more of the following EPA waste codes listed since November 8, 1984; D018-43, K064-66, K088, K090-91, K117-18, K123-26, K131-32, K136, U328, U353, U359.

PART IV: Authorized Representative

Signature: Robert G. Tuell, Jr. Date: 04-05-94
Print or Type Name: Robert G. Tuell, Jr.
Title: Senior Plant Engineer

NOTE: A "California List" waste is (a) a hazardous waste containing Halogenated Organic Compounds (HOC) at a concentration \geq 1000 mg/kg or mg/l, or (b) a liquid hazardous waste (including free liquids) having a pH \leq 2.0 and/or containing any of the following materials at a concentration \geq that specified: PCBs, 50 ppm; or (in mg/l) free cyanides, 1000; As, 500; Cd, 100; Cr, 500; Pb, 500; Hg, 20; Ni, 134; Se, 100; Tl, 130.

TREATMENT SUBCATEGORIES

EPA WASTE CODE	SUBCATEGORIES	COMMENT
D001	Ignitable liquids \geq 10% TOC Ignitable liquids < 10% TOC Ignitable compressed gases Ignitable reactives Oxidizer	Per 261.21 (a)(1) Per 261.21 (a)(1) Per 261.21 (a)(3) Per 261.21 (a)(2) Per 261.21 (a)(4)
D002	Steel corrosives Alkaline Acid	SAE 1020 steel corrosion rate \geq 0.25 inch/year Per 262.22 (a)(1) Per 262.22 (a)(1)
D003	Explosives Water reactives Reactive sulfides Reactive cyanides Other reactives	Per 261.23 (a)(6), (7), (8) Per 261.23 (a)(2), (3), (4) Per 261.23 (a)(5) Per 261.23 (a)(1), (4) Per 261.23 (a)(1)
D006	Cadmium-containing batteries Other	
D008	Lead acid batteries Other	
D009	Low mercury High mercury High mercury, containing organics (not incinerator residues) High mercury, containing inorganics (including incinerator or RMERC residues)	< 260 mg/kg Hg \geq 260 mg/kg Hg \geq 260 mg/kg Hg \geq 260 mg/kg Hg
F001-F005(WW)	Pharmaceutical Non-Pharmaceutical	
K006(NWW)	Anhydrous Hydrated	
K046	Reactive Non-Reactive	
F025	Light ends Spent filters / aids & dessicants	
K061(NWW)	Low Zinc High Zinc	< 15% total zinc \geq 15% total zinc
K069(NWW)	Calcium sulfate Non-calcium sulfate	
K071	Low mercury High mercury	< 16 mg/kg Hg \geq 16 mg/kg Hg
K106	Low mercury High mercury	< 260 mg/kg Hg \geq 260 mg/kg Hg
P065	Low mercury — residues from RMERC Low mercury — residues from incineration Mercury fulminate, High mercury — incinerator or RMERC residues Mercury fulminate, nonwastewaters — not incinerator or RMERC residues	Original P065 < 260 mg/kg Hg Original P065 < 260 mg/kg Hg \geq 260 mg/kg Hg
P092	Low mercury — residues from RMERC Low mercury — residues from incineration Phenyl mercury acetate, high mercury incinerator or RMERC residues Phenyl mercury acetate, nonwastewaters not incinerator or RMERC residues	Original P092 < 260 mg/kg Hg Original P092 < 260 mg/kg Hg \geq 260 mg/kg
U151	High Mercury Low mercury — residues from RMERC Low mercury — residues from incineration	\geq 260 mg/kg Hg Original U151 < 260 mg/kg Hg < 260 mg/kg Hg

NOTE: TOC = total organic carbon; RMERC = mercury retorting; WW = wastewater; NWW = non-wastewater

APPROPRIATE TECHNOLOGIES, INC.
LAND DISPOSAL RESTRICTION NOTIFICATION

INSTRUCTIONS: Complete Part I. Check and complete Part II or Part III. Complete and sign Part IV. You need only return pages 1-3 unless instructed to also return Attachment I and/or II as indicated on page 1. Do not return Attachment 3.

PART I: Generator Profile and Manifest Information

1. Generator Name: Douglas Aircraft Company EPA ID #: CAD 086 510 005
2. Address: 19503 South Normandie Avenue
3. City: Torrance State: CA 04-05-94 Zip: 90502
4. Profile Number: 38421 Manifest #: 85636 / 93385636 93385636
5. EPA Waste Codes (list ALL codes for this stream and all relevant subcategories — see page 2 of this form):
N/R

6. This stream is (check one) a ☐ wastewater (<1% total organic carbon and <1% total suspended solids) ☒ nonwastewater.
Some exceptions exist to this definition, please consult your Greenfield Customer Service Representative for details.

PART II: Wastes Subject to Land Disposal Restrictions (If the waste is non-RCRA, non-hazardous or a "newly listed waste" identified in Part III below, complete Part III rather than Part II.)

Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that under the above profile number and manifest number, I am shipping to you a waste identified by the EPA waste code(s) and subcategory(ies) listed in Part I above, which is subject to the EPA Land Disposal Restrictions, as checked below.

A. Check line 1, 2, 3 and / or 4 as applicable

- ☐ 1. Treatment standards, as I have indicated in Attachment I, which I am enclosing for F001: F002: F003: F004: F005.
- ☐ 2. Numerical treatment standard(s) specified in 40 CFR 268.41(a) (Table CCWE), per Attachment III.
- ☐ 3. Treatment standard(s) expressed as specified technology(ies) in 40 CFR 268.42(a), for which the required technology, per Attachment III, is INCIN: DEACT: ADGAS fb NEUTR: IMERC: STABL: RTHRM: RMERC: RLEAD: NLDBR.
- ☐ 4. Numerical treatment standard(s) specified in 40 CFR 268.43(a) (Table CCW), per Attachment III.

B. Also check one or more of the following lines as applicable.

- ☐ 5. A D001-D011 waste which (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment I, which I am enclosing.
- ☐ 6. Treatment standard(s) with a "capacity variance" until 199 , per Attachment III, as I have checked on the enclosed Attachment II. The waste (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment I, which I am enclosing.
- ☐ 7. A nickel, thallium, or HOC "California List" waste (see definition below). I have checked the "California List" section of Attachment I, which I am enclosing.
- ☐ 8. A specific extension or variance (other than a "capacity variance"), as I have checked on Line E or F of Attachment II, which I am enclosing.
- ☐ 9. The waste already meets all relevant treatment standards. I have signed the required certification page of Attachment II, which I am enclosing.

PART III: Wastes currently NOT subject to Land Disposal Restrictions

Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that, under the above profile number and manifest number, I am shipping to you a waste which is non-RCRA, non-hazardous, or identified by the EPA waste code(s) listed in Part I above. The waste is not currently subject to EPA Land Disposal Restrictions because the waste is non-RCRA, non-hazardous, or consists only of one or more of the following EPA waste codes listed since November 8, 1984; D018-43, K064-66, K088, K090-91, K117-18, K123-26, K131-32, K136, U328, U353, U359.

PART IV: Authorized Representative

Signature: Robert G. Tuell, Jr. Date: 04-05-94
Print or Type Name: Robert G. Tuell, Jr.
Title: Senior Plant Engineer

NOTE: A "California List" waste is (a) a hazardous waste containing Halogenated Organic Compounds (HOC) at a concentration \geq 1000 mg/kg or mg/l, or (b) a liquid hazardous waste (including free liquids) having a pH \leq 2.0 and/or containing any of the following materials at a concentration \geq that specified: PCBs, 50 ppm; or (in mg/l) free cyanides, 1000; As, 500; Cd, 100; Cr, 500; Pb, 500; Hg, 20; Ni, 134; Se, 100; Tl, 130.

TREATMENT SUBCATEGORIES

EPA WASTE CODE	SUBCATEGORIES	COMMENT
D001	Ignitable liquids \geq 10% TOC Ignitable liquids $<$ 10% TOC Ignitable compressed gases Ignitable reactives Oxidizer	Per 261.21 (a)(1) Per 261.21 (a)(1) Per 261.21 (a)(3) Per 261.21 (a)(2) Per 261.21 (a)(4)
D002	Steel corrosives Alkaline Acid	SAE 1020 steel corrosion rate \geq 0.25 inch/year Per 262.22 (a)(1) Per 262.22 (a)(1)
D003	Explosives Water reactives Reactive sulfides Reactive cyanides Other reactives	Per 261.23 (a)(6), (7), (8) Per 261.23 (a)(2), (3), (4) Per 261.23 (a)(5) Per 261.23 (a)(1), (4) Per 261.23 (a)(1)
D006	Cadmium-containing batteries Other	
D008	Lead acid batteries Other	
D009	Low mercury High mercury High mercury, containing organics (not incinerator residues) High mercury, containing inorganics (including incinerator or RMERC residues)	$<$ 260 mg/kg Hg \geq 260 mg/kg Hg \geq 260 mg/kg Hg \geq 260 mg/kg Hg \geq 260 mg/kg Hg
F001-F005(WW)	Pharmaceutical Non-Pharmaceutical	
K006(NWW)	Anhydrous Hydrated	
K046	Reactive Non-Reactive	
P025	Light ends Spent filters / aids & dessicants	
K061(NWW)	Low Zinc High Zinc	$<$ 15% total zinc \geq 15% total zinc
K069(NWW)	Calcium sulfate Non-calcium sulfate	
K071	Low mercury High mercury	$<$ 16 mg/kg Hg \geq 16 mg/kg Hg
K106	Low mercury High mercury	$<$ 260 mg/kg Hg \geq 260 mg/kg Hg
P065	Low mercury — residues from RMERC Low mercury — residues from incineration Mercury fulminate, High mercury — incinerator or RMERC residues Mercury fulminate, nonwastewaters — not incinerator or RMERC residues	Original P065 $<$ 260 mg/kg Hg Original P065 $<$ 260 mg/kg Hg \geq 260 mg/kg Hg
P092	Low mercury — residues from RMERC Low mercury — residues from incineration Phenyl mercury acetate, high mercury incinerator or RMERC residues Phenyl mercury acetate, nonwastewaters not incinerator or RMERC residues	Original P092 $<$ 260 mg/kg Hg Original P092 $<$ 260 mg/kg Hg \geq 260 mg/kg
U151	High Mercury Low mercury — residues from RMERC Low mercury — residues from incineration	\geq 260 mg/kg Hg Original U151 $<$ 260 mg/kg Hg $<$ 260 mg/kg Hg

NOTE: TOC = total organic carbon: RMERC = mercury retorting: WW = wastewater: NWW = non-wastewater



MEMO FOR RECORD

SHEET 1 OF 1

(Telephone/Meeting)

PROJECT NO. 210917DATE: 4/5/94DATE OF TELEPHONE 4/5/94 MEETING _____ TIME 1015TELEPHONE NUMBER (619) 656-2325 MEETING PLACE _____PARTICIPANTS: 1 Rosa Lujan 4 _____
2 + Laura (Technical dept.) 5 _____
3 _____ 6 _____SUBJECT DISCUSSED Acceptability of Hot Stuff and Nickel Catalyst at Greenfield / Appropriate Tech Facility

SUMMARY OF DISCUSSION

1. Both Waste streams are approved

2. Rosa and Joe Moreno (approvals Chemist) have reviewed the Gamma Scan Analytical provided by Douglas Aircraft Company. They feel this does not change the acceptability of the Nickel Catalyst or the Hot Stuff.

Ted Woodland

REQUIRED ACTION _____

DISTRIBUTION

Rob Tuell of Douglas Aircraft Company

**INTERNATIONAL
TECHNOLOGY
CORPORATION****336 W. ANAHEIM STREET
WILMINGTON, CALIFORNIA 90744
(310) 830-1781****FAX NO. (310) 518-7933****DATE:** 4/5/94**FAX NO:** (310) 533-7334**FROM:** Fred Wendland**TO:** Robert Tuell
NAMEEnv. Health & Safety
LOCATION**PAGE 1 of** 2
(including cover)**COMMENTS:**

APPROPRIATE TECHNOLOGIES, INC.

LAND DISPOSAL RESTRICTION NOTIFICATION

INSTRUCTIONS: Complete Part I. Check and complete Part II or Part III. Complete and sign Part IV. You need only return pages 1-3 unless instructed to also return Attachment I and/or II as indicated on page 1. Do not return Attachment 3.

PART I: Generator Profile and Manifest Information

1. Generator Name: Douglas Aircraft Company EPA ID #: CAD 086 510 005
2. Address: 19503 South Normandie Avenue
3. City: Torrance State: CA Zip: 90502
4. Profile Number: 38420 Manifest #: 85636/93385635
5. EPA Waste Codes (list ALL codes for this stream and all relevant subcategories — see page 2 of this form):
D001

6. This stream is (check one) a wastewater (<1% total organic carbon and <1% total suspended solids) ☒ nonwastewater.
Some exceptions exist to this definition, please consult your Greenfield Customer Service Representative for details.

PART II: Wastes Subject to Land Disposal Restrictions (If the waste is non-RCRA, non-hazardous or a "newly listed waste" identified in Part III below, complete Part III rather than Part II.)

☒ Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that under the above profile number and manifest number, I am shipping to you a waste identified by the EPA waste code(s) and subcategory(ies) listed in Part I above, which is subject to the EPA Land Disposal Restrictions, as checked below.

A. Check line 1, 2, 3 and / or 4 as applicable

1. Treatment standards, as I have indicated in Attachment I, which I am enclosing for F001: F002: F003: F004: F005.
 2. Numerical treatment standard(s) specified in 40 CFR 268.41(a) (Table CCWE), per Attachment III.
☒ 3. Treatment standard(s) expressed as specified technology(ies) in 40 CFR 268.42(a), for which the required technology, per Attachment III, is ☒ INCIN: DEACT: ADGAS fb NEUTR: IMERC: STABL: RTHRM: RMERC: RLEAD: NLDBR.
 4. Numerical treatment standard(s) specified in 40 CFR 268.43(a) (Table CCW), per Attachment III.

B. Also check one or more of the following lines as applicable.

5. A D001-D011 waste which (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment I, which I am enclosing.
 6. Treatment standard(s) with a "capacity variance" until 199 , per Attachment III, as I have checked on the enclosed Attachment II. The waste (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment I, which I am enclosing.
 7. A nickel, thallium, or HOC "California List" waste (see definition below). I have checked the "California List" section of Attachment I, which I am enclosing.
 8. A specific extension or variance (other than a "capacity variance"), as I have checked on Line E or F of Attachment II, which I am enclosing.
 9. The waste already meets all relevant treatment standards. I have signed the required certification page of Attachment II, which I am enclosing.

PART III: Wastes currently NOT subject to Land Disposal Restrictions

 Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that, under the above profile number and manifest number, I am shipping to you a waste which is non-RCRA, non-hazardous, or identified by the EPA waste code(s) listed in Part I above. The waste is not currently subject to EPA Land Disposal Restrictions because the waste is non-RCRA, non-hazardous, or consists only of one or more of the following EPA waste codes listed since November 8, 1984; D018-43, K064-66, K088, K090-91, K117-18, K123-26, K131-32, K136, U328, U353, U359.

PART IV: Authorized Representative

Signature: Robert G. Tuell, Jr. Date: 04-05-94
Print or Type Name: Robert G. Tuell, Jr.
Title: Senior Plant Engineer

NOTE: A "California List" waste is (a) a hazardous waste containing Halogenated Organic Compounds (HOC) at a concentration \geq 1000 mg/kg or mg/l, or (b) a liquid hazardous waste (including free liquids) having a pH \leq 2.0 and/or containing any of the following materials at a concentration \geq that specified: PCBs, 50 ppm; or (in mg/l) free cyanides, 1000; As, 500; Cd, 100; Cr, 500; Pb, 500; Hg, 20; Ni, 134; Se, 100; Tl, 130.

TREATMENT SUBCATEGORIES

EPA WASTE CODE	SUBCATEGORIES	COMMENT
D001	Ignitable liquids \geq 10% TOC Ignitable liquids $<$ 10% TOC Ignitable compressed gases Ignitable reactives Oxidizer	Per 261.21 (a)(1) Per 261.21 (a)(1) Per 261.21 (a)(3) Per 261.21 (a)(2) Per 261.21 (a)(4)
D002	Steel corrosives Alkaline Acid	SAE 1020 steel corrosion rate \geq 0.25 inch/year Per 262.22 (a)(1) Per 262.22 (a)(1)
D003	Explosives Water reactives Reactive sulfides Reactive cyanides Other reactives	Per 261.23 (a)(6), (7), (8) Per 261.23 (a)(2), (3), (4) Per 261.23 (a)(5) Per 261.23 (a)(1), (4) Per 261.23 (a)(1)
D006	Cadmium-containing batteries Other	
D008	Lead acid batteries Other	
D009	Low mercury High mercury High mercury, containing organics (not incinerator residues) High mercury, containing inorganics (including incinerator or RMERC residues)	$<$ 260 mg/kg Hg \geq 260 mg/kg Hg \geq 260 mg/kg Hg \geq 260 mg/kg Hg
F001-F005(WW)	Pharmaceutical Non-Pharmaceutical	
K006(NWW)	Anhydrous Hydrated	
K046	Reactive Non-Reactive	
F025	Light ends Spent filters / aids & dessicants	
K061(NWW)	Low Zinc High Zinc	$<$ 15% total zinc \geq 15% total zinc
K069(NWW)	Calcium sulfate Non-calcium sulfate	
K071	Low mercury High mercury	$<$ 16 mg/kg Hg \geq 16 mg/kg Hg
K106	Low mercury High mercury	$<$ 260 mg/kg Hg \geq 260 mg/kg Hg
P065	Low mercury — residues from RMERC Low mercury — residues from incineration Mercury fulminate, High mercury — incinerator or RMERC residues Mercury fulminate, nonwastewaters — not incinerator or RMERC residues	Original P065 $<$ 260 mg/kg Hg Original P065 $<$ 260 mg/kg Hg \geq 260 mg/kg Hg
P092	Low mercury — residues from RMERC Low mercury — residues from incineration Phenyl mercury acetate, high mercury incinerator or RMERC residues Phenyl mercury acetate, nonwastewaters not incinerator or RMERC residues	Original P092 $<$ 260 mg/kg Hg Original P092 $<$ 260 mg/kg Hg \geq 260 mg/kg
U151	High Mercury Low mercury — residues from RMERC Low mercury — residues from incineration	\geq 260 mg/kg Hg Original U151 $<$ 260 mg/kg Hg $<$ 260 mg/kg Hg

NOTE: TOC = total organic carbon: RMERC = mercury retorting: WW = wastewater: NWW = non-wastewater

APPROPRIATE TECHNOLOGIES, INC.
CALIFORNIA LAND DISPOSAL RESTRICTION NOTIFICATION

PART I: Generator Information.

GENERATOR NAME Douglas Aircraft Company

CAD 086 510 005

EPA ID #

85636/93385636

MANIFEST #

38420

PROFILE #

The waste(s) identified on the above referenced manifest and bearing the California waste number(s) identified below is subject to the Land Disposal Restrictions of CCR, Title 22, Chapter 30.

PART II: Waste Identification.

California waste number(s) 181

Check the appropriate lines. (More than one line may apply.)

- ☐ 1. RCRA regulated waste
- ☐ 2. Non-RCRA metal-containing aqueous waste identified on CCR, Title 22, 67702(b) (1).
- ☐ 3. PCB wastes identified in CCR, Title 22, 67702(b) (2). (Not acceptable at APTEC)
- ☐ 4. Non-RCRA metal-containing solid waste identified in CCR, Title 22, 67702(b) (7).
Prohibition effective date May 8, 1992.
- ☐ 5. Non-RCRA aqueous and liquid waste containing any organic compound identified by EPA Test Methods 8080, 8140, 8150, 8240, and/or 8270. Prohibition effective date May 8, 1992.
(Reference CCR, Title 22, 67702 (b)(10).)
- ☐ 6. Non-RCRA solid waste containing any organic compound identified by EPA Test Methods 8080, 8140, 8150, 8240, and/or 8270. Prohibition effective date May 8, 1992. (Reference CCR, Title 22, 67702 (b)(11).)
- ☐ 7. Other Non-RCRA, California regulated waste, category includes lab packs, California extremely small quantity generators, and household hazardous waste exempted in the Health and Safety Code Section 25179.9.

PART III: Handling Method.

Check the appropriate lines. (More than one line may apply.)

- ☐ 1. The RCRA waste identified above must be handled in accordance with the attached EPA LAND DISPOSAL RESTRICTION NOTIFICATION.
- ☐ 2. The waste identified above must be treated to meet the applicable standards in CCR, Title 22, Division 4, Chapter 30, Article 41.
- ☐ 3. The waste identified above meets the applicable treatment standard.
"I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Division 4, Chapter 30, Article 41. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- ☐ 4. The waste identified above is subject to a variance. The expiration date of the variance is indicated in the WASTE IDENTIFICATION section above.
- ☐ 5. The Non-RCRA waste identified above is not currently restricted from land disposal.

PART IV: Generator Certification.

I hereby certify that all information supplied above and on all associated documents is true, complete and accurate to the best of my knowledge and that no omissions or errors exist.

Signature Robert G. Tuell, Jr.

Date: 04-05-94

Print or Type Name: Robert G. Tuell, Jr.

Title: Senior Plant Engineer.

ATTACHMENT I

ADDITIONAL NOTIFICATION FOR F001-F005, AND CALIFORNIA LIST WASTES

For Part II, Line 1 of the LDR Notification (F001-F005)

This waste must be treated to meet the following treatment standards (check the appropriate line):

_____ F001 _____ F002 _____ F003 _____ F004 _____ F005

WASTE CODE	REGULATED HAZARDOUS CONSTITUENT	WASTEWATERS CONCENTRATION (mg/l)	NONWASTEWATERS CONCENTRATION (mg/l)
TABLE CCWE			
F001-F005 spent solvents	Acetone	0.05	0.59
	n-Butyl alcohol	5.0	5.0
	Carbon disulfide	1.05	4.81
	Carbon tetrachloride	0.05	0.96
	Chlorobenzene	0.15	0.05
	Cresols (and cresylic acid)	2.82	0.75
	Cyclohexanone	0.125	0.75
	1,2 — Dichlorobenzene	0.65	0.125
	Ethyl acetate	0.05	0.75
	Ethyl benzene	0.05	0.053
	Ethyl ether	0.05	0.75
	Isobutanol	5.0	5.0
	Methanol	0.25	0.75
	Methylene chloride	0.2	0.96
	Methyl ethyl ketone	0.05	0.76
	Methyl isobutyl ketone	0.05	0.33
	Nitrobenzene	0.66	0.125
	Pyridine	1.12	0.33
	Tetrachloroethylene	0.079	0.05
	Toluene	1.12	0.33
	1,1,1, — Trichlorethane	1.05	0.41
	1,1,2, — Trichloro-		
	1,2,2, — Trifluoroethane	1.05	0.96
	Trichloroethylene	0.062	0.091
	Trichlorofluoromethane	0.05	0.96
	Xylene	0.05	0.15

TABLE CCW

F001-F005 spent solvents	1,1,2, Trichloroethane	0.030	7.80
	Benzene	0.070	3.70
F001-F005 spent solvents (Pharmaceutical Industry Wastewater Subcategory)	Methylene chloride	0.44	NA

REQUIRED METHOD

F005	2-Nitropropane	INCIN	INCIN
F005	2-Ethoxyethanol	INCIN	INCIN

For Part II, Line 5, 6, or 7 of the LDR Notification (California List)

This waste must be treated as indicated below if it is (a) a D001, D002, D003, D004, D005, D006, D007, D008, D009, D010, D011, or subject to a "capacity variance" — and meets the definition of a "California List" waste; or (b) a liquid hazardous waste ≥ 50 ppm PCBs, or ≥ 134 mg/l Ni, or ≥ 130 mg/l TI. Check the appropriate line below:

- _____ HOC ≥ 1000 ppm; incinerate
- _____ liquid, PCB ≥ 50 ppm; incinerate (Not acceptable at APTEC)
- _____ liquid, pH ≤ 2 : Neutralize
- _____ liquid, free cyanides ≥ 1000 ppm: *
- _____ liquid, As ≥ 500 mg/l: *
- _____ liquid, Cd ≥ 100 mg/l: *
- _____ liquid, Cr ≥ 500 mg/l: *
- _____ liquid, Pb ≥ 500 mg/l: *
- _____ liquid, Hg ≥ 20 mg/l: *
- _____ liquid, Ni ≥ 134 mg/l: *
- _____ liquid, Se ≥ 100 mg/l: *
- _____ liquid, TI ≥ 130 mg/l: *

* Treat to below California List concentration, or to non-liquid form.

APPROPRIATE TECHNOLOGIES, INC.

LAND DISPOSAL RESTRICTION NOTIFICATION

INSTRUCTIONS: Complete Part I. Check and complete Part II or Part III. Complete and sign Part IV. You need only return pages 1-3 unless instructed to also return Attachment I and/or II as indicated on page 1. Do not return Attachment 3.

PART I: Generator Profile and Manifest Information

- Generator Name: Douglas Aircraft Company EPA ID #: CAD 086 510 005
- Address: 19503 South Normandie Avenue
- City: Torrance State: CA 244-04-05-94 Zip: 90502
- Profile Number: 38421 Manifest #: 85636/93385636 93385636
- EPA Waste Codes (list ALL codes for this stream and all relevant subcategories — see page 2 of this form):
N/R

6. This stream is (check one) a wastewater (<1% total organic carbon and <1% total suspended solids) X nonwastewater. Some exceptions exist to this definition, please consult your Greenfield Customer Service Representative for details.

PART II: Wastes Subject to Land Disposal Restrictions (If the waste is non-RCRA, non-hazardous or a "newly listed waste" identified in Part III below, complete Part III rather than Part II.)

Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that under the above profile number and manifest number, I am shipping to you a waste identified by the EPA waste code(s) and subcategory(ies) listed in Part I above, which is subject to the EPA Land Disposal Restrictions, as checked below.

A. Check line 1, 2, 3 and / or 4 as applicable

- Treatment standards, as I have indicated in Attachment I, which I am enclosing for F001: F002: F003: F004: F005.
- Numerical treatment standard(s) specified in 40 CFR 268.41(a) (Table CCWE), per Attachment III.
- Treatment standard(s) expressed as specified technology(ies) in 40 CFR 268.42(a), for which the required technology, per Attachment III, is INCIN: DEACT: ADGAS fb NEUTR: IMERC: STABL: RTHRM: RMERC: RLEAD: NLDBR.
- Numerical treatment standard(s) specified in 40 CFR 268.43(a) (Table CCW), per Attachment III.

B. Also check one or more of the following lines as applicable.

- A D001-D011 waste which (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment I, which I am enclosing.
- Treatment standard(s) with a "capacity variance" until 199 , per Attachment III, as I have checked on the enclosed Attachment II. The waste (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment I, which I am enclosing.
- A nickel, thallium, or HOC "California List" waste (see definition below). I have checked the "California List" section of Attachment I, which I am enclosing.
- A specific extension or variance (other than a "capacity variance"), as I have checked on Line E or F of Attachment II, which I am enclosing.
- The waste already meets all relevant treatment standards. I have signed the required certification page of Attachment II, which I am enclosing.

PART III: Wastes currently NOT subject to Land Disposal Restrictions

Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that, under the above profile number and manifest number, I am shipping to you a waste which is non-RCRA, non-hazardous, or identified by the EPA waste code(s) listed in Part I above. The waste is not currently subject to EPA Land Disposal Restrictions because the waste is non-RCRA, non-hazardous, or consists only of one or more of the following EPA waste codes listed since November 8, 1984; D018-43, K064-66, K088, K090-91, K117-18, K123-26, K131-32, K136, U328, U353, U359.

PART IV: Authorized Representative

Signature: Robert G. Tuell, Jr. Date: 04-05-94
Print or Type Name: Robert G. Tuell, Jr.
Title: Senior Plant Engineer

NOTE: A "California List" waste is (a) a hazardous waste containing Halogenated Organic Compounds (HOC) at a concentration ≥ 1000 mg/kg or mg/l, or (b) a liquid hazardous waste (including free liquids) having a pH ≤ 2.0 and/or containing any of the following materials at a concentration \geq that specified: PCBs, 50 ppm; or (in mg/l) free cyanides, 1000; As, 500; Cd, 100; Cr, 500; Pb, 500; Hg, 20; Ni, 134; Se, 100; Tl, 130.

TREATMENT SUBCATEGORIES

EPA WASTE CODE	SUBCATEGORIES	COMMENT
D001	Ignitable liquids \geq 10% TOC Ignitable liquids < 10% TOC Ignitable compressed gases Ignitable reactives Oxidizer	Per 261.21 (a)(1) Per 261.21 (a)(1) Per 261.21 (a)(3) Per 261.21 (a)(2) Per 261.21 (a)(4)
D002	Steel corrosives Alkaline Acid	SAE 1020 steel corrosion rate \geq 0.25 inch/year Per 262.22 (a)(1) Per 262.22 (a)(1)
D003	Explosives Water reactives Reactive sulfides Reactive cyanides Other reactives	Per 261.23 (a)(6), (7), (8) Per 261.23 (a)(2), (3), (4) Per 261.23 (a)(5) Per 261.23 (a)(1), (4) Per 261.23 (a)(1)
D006	Cadmium-containing batteries Other	
D008	Lead acid batteries Other	
D009	Low mercury High mercury High mercury, containing organics (not incinerator residues) High mercury, containing inorganics (including incinerator or RMERC residues)	< 260 mg/kg Hg \geq 260 mg/kg Hg \geq 260 mg/kg Hg \geq 260 mg/kg Hg
F001-F005(WW)	Pharmaceutical Non-Pharmaceutical	
K006(NWW)	Anhydrous Hydrated	
K046	Reactive Non-Reactive	
F025	Light ends Spent filters / aids & dessicants	
K061(NWW)	Low Zinc High Zinc	< 15% total zinc \geq 15% total zinc
K069(NWW)	Calcium sulfate Non-calcium sulfate	
K071	Low mercury High mercury	< 16 mg/kg Hg \geq 16 mg/kg Hg
K106	Low mercury High mercury	< 260 mg/kg Hg \geq 260 mg/kg Hg
P065	Low mercury — residues from RMERC Low mercury — residues from incineration Mercury fulminate, High mercury — incinerator or RMERC residues Mercury fulminate, nonwastewaters — not incinerator or RMERC residues	Original P065 < 260 mg/kg Hg Original P065 < 260 mg/kg Hg \geq 260 mg/kg Hg
P092	Low mercury — residues from RMERC Low mercury — residues from incineration Phenyl mercury acetate, high mercury incinerator or RMERC residues Phenyl mercury acetate, nonwastewaters not incinerator or RMERC residues	Original P092 < 260 mg/kg Hg Original P092 < 260 mg/kg Hg \geq 260 mg/kg
U151	High Mercury Low mercury — residues from RMERC Low mercury — residues from incineration	\geq 260 mg/kg Hg Original U151 < 260 mg/kg Hg < 260 mg/kg Hg

NOTE: TOC = total organic carbon: RMERC = mercury retorting: WW = wastewater: NWW = non-wastewater

APPROPRIATE TECHNOLOGIES, INC.
CALIFORNIA LAND DISPOSAL RESTRICTION NOTIFICATION

PART I: Generator Information.

GENERATOR NAME Douglas Aircraft Company
CAD 086 510 005 85636 93385636 93385636 38421
EPA ID # MANIFEST # PROFILE #

The waste(s) identified on the above referenced manifest and bearing the California waste number(s) identified below is subject to the Land Disposal Restrictions of CCR, Title 22, Chapter 30.

PART II: Waste Identification.

California waste number(s) 181

Check the appropriate lines. (More than one line may apply.)

- ☐ 1. RCRA regulated waste
- ☐ 2. Non-RCRA metal-containing aqueous waste identified on CCR, Title 22, 67702(b) (1).
- ☐ 3. PCB wastes identified in CCR, Title 22, 67702(b) (2). (Not acceptable at APTEC)
- ☐ 4. Non-RCRA metal-containing solid waste identified in CCR, Title 22, 67702(b) (7).
Prohibition effective date May 8, 1992.
- ☐ 5. Non-RCRA aqueous and liquid waste containing any organic compound identified by EPA Test Methods 8080, 8140, 8150, 8240, and/or 8270. Prohibition effective date May 8, 1992.
(Reference CCR, Title 22, 67702 (b)(10).)
- ☐ 6. Non-RCRA solid waste containing any organic compound identified by EPA Test Methods 8080, 8140, 8150, 8240, and/or 8270. Prohibition effective date May 8, 1992. (Reference CCR, Title 22, 67702 (b)(11).)
- ☐ 7. Other Non-RCRA, California regulated waste, category includes lab packs, California extremely small quantity generators, and household hazardous waste exempted in the Health and Safety Code Section 25179.9.

PART III: Handling Method.

Check the appropriate lines. (More than one line may apply.)

- ☐ 1. The RCRA waste identified above must be handled in accordance with the attached EPA LAND DISPOSAL RESTRICTION NOTIFICATION.
- ☐ 2. The waste identified above must be treated to meet the applicable standards in CCR, Title 22, Division 4, Chapter 30, Article 41.
- ☐ 3. The waste identified above meets the applicable treatment standard.
"I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Division 4, Chapter 30, Article 41. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- ☐ 4. The waste identified above is subject to a variance. The expiration date of the variance is indicated in the WASTE IDENTIFICATION section above.
- ☐ 5. The Non-RCRA waste identified above is not currently restricted from land disposal.

PART IV: Generator Certification.

I hereby certify that all information supplied above and on all associated documents is true, complete and accurate to the best of my knowledge and that no omissions or errors exist.

Signature Robert G. Tuell, Jr. Date: 04-05-94
Print or Type Name: Robert G. Tuell, Jr.
Title: Senior Plant Engineer

ATTACHMENT I

ADDITIONAL NOTIFICATION FOR F001-F005, AND CALIFORNIA LIST WASTES

For Part II, Line 1 of the LDR Notification (F001-F005)

This waste must be treated to meet the following treatment standards (check the appropriate line):

☐ F001 ☐ F002 ☐ F003 ☐ F004 ☐ F005

WASTE CODE	REGULATED HAZARDOUS CONSTITUENT	WASTEWATERS CONCENTRATION (mg/l)	NONWASTEWATERS CONCENTRATION (mg/l)
TABLE CCWE			
F001-F005 spent solvents	Acetone	0.05	0.59
	n-Butyl alcohol	5.0	5.0
	Carbon disulfide	1.05	4.81
	Carbon tetrachloride	0.05	0.96
	Chlorobenzene	0.15	0.05
	Cresols (and cresylic acid)	2.82	0.75
	Cyclohexanone	0.125	0.75
	1,2 - Dichlorobenzene	0.65	0.125
	Ethyl acetate	0.05	0.75
	Ethyl benzene	0.05	0.053
	Ethyl ether	0.05	0.75
	Isobutanol	5.0	5.0
	Methanol	0.25	0.75
	Methylene chloride	0.2	0.96
	Methyl ethyl ketone	0.05	0.76
	Methyl isobutyl ketone	0.05	0.33
	Nitrobenzene	0.66	0.125
	Pyridine	1.12	0.33
	Tetrachloroethylene	0.079	0.05
	Toluene	1.12	0.33
	1,1,1, - Trichloroethane	1.05	0.41
	1,1,2, - Trichloro-		
	1,2,2, - Trifluoroethane	1.05	0.96
	Trichloroethylene	0.062	0.091
	Trichlorofluoromethane	0.05	0.96
	Xylene	0.05	0.15

TABLE CCW

F001-F005 spent solvents	1,1,2, Trichloroethane	0.030	7.80
	Benzene	0.070	3.70
F001-F005 spent solvents (Pharmaceutical Industry Wastewater Subcategory)	Methylene chloride	0.44	NA

REQUIRED METHOD

F005	2-Nitropropane	INCIN	INCIN
F005	2-Ethoxyethanol	INCIN	INCIN

For Part II, Line 5, 6, or 7 of the LDR Notification (California List)

This waste must be treated as indicated below if it is (a) a D001, D002, D003, D004, D005, D006, D007, D008, D009, D010, D011, or subject to a "capacity variance" — and meets the definition of a "California List" waste; or (b) a liquid hazardous waste ≥ 50 ppm PCBs, or ≥ 134 mg/l Ni, or ≥ 130 mg/l TI. Check the appropriate line below:

- ☐ HOC ≥ 1000 ppm; incinerate
- ☐ liquid, PCB ≥ 50 ppm; incinerate (Not acceptable at APTEC)
- ☐ liquid, pH ≤ 2 : Neutralize
- ☐ liquid, free cyanides ≥ 1000 ppm: *
- ☐ liquid, As ≥ 500 mg/l: *
- ☐ liquid, Cd ≥ 100 mg/l: *
- ☐ liquid, Cr ≥ 500 mg/l: *
- ☐ liquid, Pb ≥ 500 mg/l: *
- ☐ liquid, Hg ≥ 20 mg/l: *
- ☐ liquid, Ni ≥ 134 mg/l: *
- ☐ liquid, Se ≥ 100 mg/l: *
- ☐ liquid, TI ≥ 130 mg/l: *

* Treat to below California List concentration, or to non-liquid form.

GREENFIELD ENVIRONMENTAL LAND DISPOSAL RESTRICTION NOTIFICATION

Generator Name: DOUGLAS AIRCRAFT EPA ID #: CAD086510005

Manifest/Document #: 85636 / 93385636 Profile #: 38420

This waste stream is (check one) a wastewater (<1% total organic carbon and <1% total suspended solids) ✓ nonwastewater. Some exceptions to this definition exist, please contact your Greenfield Client Services Representative if you have any questions. If you checked wastewater, please contact your Client Services Representative to obtain alternate forms.

Pursuant to 40 CFR 268.7, I am notifying (check one):

✓ Appropriate Technologies, Inc. Greenfield Environmental of Arizona

that under the above listed profile number and manifest number, I am shipping to you a waste identified by the EPA waste number(s) and subcategory(ies) indicated in this LDR form, which is subject to the Land Disposal Restrictions as indicated.

FEDERAL CALIFORNIA LIST (check all which apply and submit attachment I):

 HOCs PCBs ACID METALS CYANIDES

NOTE: A California list waste is (1) a hazardous waste containing Halogenated Organic Compounds (HOCs) per 40 CFR 268 appendix III at a concentration ≥ 1000 mg/kg or mg/l, or (2) a liquid hazardous waste (including free liquids; use Method 9095 from EPA manual SW-846 to determine if you have a liquid) having a pH < 2.0 and/or containing any of the following materials at a concentration \geq that specified: PCBs, 50 ppm, or (in mg/l) free cyanides, 1000; As, 500; Cd, 100; Cr(VI), 500; Pb, 500; Hg, 20; Ni, 134; Se, 100; TI, 130.

HAZARDOUS DEBRIS WASTE STREAMS

 Hazardous debris subject to the alternative treatment standards of 40 CFR 268.45.

 Hazardous debris subject to a capacity variance extension (expires 5/8/94). I have fulfilled all of the "good faith" requirements as indicated in 58 FR 28506 dated 14 May 1993.

NOTE: Hazardous Debris is a solid material exceeding 60 mm particle size that is intended for disposal and that is: a manufactured object; or plant or animal matter; or natural geologic material which contains a hazardous waste listed in 40 CFR 261 Subpart D or exhibits a characteristic of hazardous waste identified in 40 CFR 261 Subpart C.

F039, D001, D002 UNDERLYING CONSTITUENTS

 F039 multi-source leachate. Indicate the constituents which apply on attachment II and submit with this LDR notification form.

 D001 ($\geq 10\%$ TOC). F039 underlying constituents do not apply. Do not submit attachment II.

 D001 all descriptions at 40 CFR 261.21 except for the section 261.21(a)(1) High TOC Ignitable Liquids Subcategory managed in non-CWA/non-CWA-equivalent/non-Class I SDWA systems. Indicate the constituents which apply at levels above those indicated on attachment II and submit with this LDR notification form.

✓ D001 all descriptions at 40 CFR 261.21 except for the section 261.21(a)(1) High TOC Ignitable Liquids Subcategory managed in CWA/CWA-equivalent/Class I SDWA systems. F039 underlying constituents do not apply. Do not submit attachment II.

 D001 all descriptions at 40 CFR 261.21 except for the section 261.21(a)(1) High TOC Ignitable Liquids Subcategory managed via FSUBS, INCIN, or RORGS. F039 underlying constituents do not apply. Do not submit attachment II.

 D002 Corrosive wastes managed in non-CWA/Non-CWA-equivalent/non-Class I SDWA systems. Indicate the constituents which apply at levels above those indicated on attachment II and submit with this LDR notification form.

 D002 Corrosive wastes managed in CWA/CWA-equivalent/Class I SDWA systems. F039 underlying constituents do not apply. Do not submit attachment II.

APPENDIX IV/V LAB PACKS

 Lab pack wastes packaged in accordance with appendix IV/V requirements. Complete attachment III and submit the certification.

GENERATOR CERTIFICATION (Initial on the line for the appropriate certification.)

✓ 1. RESTRICTED WASTE WHICH REQUIRES TREATMENT

This waste stream must be treated to meet the applicable standards set forth in 40 CFR 268 Subpart D, 268.32, or RCRA section 3004(d).

2. RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

3. RESTRICTED WASTE TREATED BY A SPECIFIED TECHNOLOGY

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

4. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste stream is subject to a national capacity variance, or a case-by-case extension, or other variance. The effective date of the prohibition is (enter actual date)

5. RESTRICTED WASTE WHICH MAY BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

6. WASTE WHICH IS NOT CURRENTLY SUBJECT TO PART 268 REGULATIONS

This waste stream is a newly identified, newly listed, or non-RCRA waste which is not currently subject to any 40 CFR part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature: Robert G. Tuell, Jr. Date: 04-07-94

Printed/Typed Name: Robert G. Tuell, Jr. Title: Senior Plant Engineer

Rev 10/93

TREATMENT STANDARD TABLES — NONWASTEWATER ONLY

DEFINITIONS

Referenced in Treatment Standard Tables)

1. EPA WASTE CODE SUBCATEGORIES:

- A = Anhydrous
- CB = Cadmium Battery
- CS = Calcium Sulfate
- CWA = Clean Water Act/CWA-equivalent/Class I Safe Drinking Water Act
- E = Explosives
- H = Hydrated
- HM = High Mercury (≥ 260 mg/kg)
- LB = Lead Battery
- LIQ = Liquid
- LM = Low Mercury (< 260 mg/kg)
- NCS = Non-Calcium Sulfate
- NCWA = Non-Clean Water Act/non-CWA-equivalent/non-Class I Safe Drinking Water Act
- R = Reactive
- RC = Reactive Cyanides
- RS = Reactive Sulfides
- S = Solid
- TOC = Total Organic Carbon
- WR = Water Reactive
- WW = Wastewater ($< 1\%$ Total Organic Carbon and $< 1\%$ Total Suspended Solids)

2. SPECIFIED TECHNOLOGIES AND CORRESPONDING NUMBERS

- 1-DEACT = Deactivation of hazardous constituents
- 2-FSUBS = Fuel substitution
- 3-IMERC = Incineration of organics with mercury contamination
- 4-INCIN = Incineration
- 5-RLEAD = Thermal recovery of lead
- 6-RMERC = Mercury roasting or retorting
- 7-RORGS = Recovery of organics
- 8-RTHRM = Thermal recovery of metals
- 9-STABL = Stabilization
- 10-ADGAS = Venting of compressed gases into an absorbing media
- 11-NEUTR = Neutralization

*NOTE: Column 3 indicates a specified technology per 40 CFR 268.42. When noted by one or more superscript numbers, alternate specified technologies are acceptable as indicated in the list above.

**INCIN Only for 2-Nitropropane, 2-Ethoxyethanol.

• Submit Attachment 1; see note in CCWE Table for F001-F005.

38420

"D" CHARACTERISTIC WASTE				Check All Applicable Waste Numbers			
(1)	(2)	(3)*	(4)	(1)	(2)	(3)*	(4)
EPA CODE NUMBER	40 CFR §268.41 CCWE	40 CFR §268.42 TECH	40 CFR §268.43 CCW	EPA CODE NUMBER	40 CFR §268.41 CCWE	40 CFR §268.42 TECH	40 CFR §268.43 CCW
<input checked="" type="checkbox"/> D001CWA	N.A.	DEACT ^{1,4,7}	N.A.	<input type="checkbox"/> D015	N.A.	N.A.	<input checked="" type="checkbox"/>
<input type="checkbox"/> D001LIQ $\geq 10\%$ TOC	N.A.	FSUBS ^{4,7}	N.A.	<input type="checkbox"/> D016	N.A.	N.A.	<input checked="" type="checkbox"/>
<input type="checkbox"/> D001NCWA	N.A.	FSUBS ^{1,4,7}	N.A.	<input type="checkbox"/> D017	N.A.	N.A.	<input checked="" type="checkbox"/>
<input type="checkbox"/> D002CWA	N.A.	DEACT ^{1,11}	N.A.	<input type="checkbox"/> D018			
<input type="checkbox"/> D002NCWA	N.A.	DEACT ^{1,11}	N.A.	<input type="checkbox"/> D019			
<input type="checkbox"/> D003E	UNACCEPTABLE			<input type="checkbox"/> D020			
<input type="checkbox"/> D003R	N.A.	DEACT	N.A.	<input type="checkbox"/> D021			
<input type="checkbox"/> D003RC	N.A.	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> D022			
<input type="checkbox"/> D003RS	N.A.	DEACT	N.A.	<input type="checkbox"/> D023			
<input type="checkbox"/> D003WR	N.A.	DEACT	N.A.	<input type="checkbox"/> D024			
<input type="checkbox"/> D004	<input checked="" type="checkbox"/>	N.A.	N.A.	<input type="checkbox"/> D025			
<input type="checkbox"/> D005	<input checked="" type="checkbox"/>	N.A.	N.A.	<input type="checkbox"/> D026			
<input type="checkbox"/> D006	<input checked="" type="checkbox"/>	N.A.	N.A.	<input type="checkbox"/> D027			
<input type="checkbox"/> D006CB	N.A.	RTHRM	N.A.	<input type="checkbox"/> D028			
<input type="checkbox"/> D007	<input checked="" type="checkbox"/>	N.A.	N.A.	<input type="checkbox"/> D029			
<input type="checkbox"/> D008LB	N.A.	RLEAD	N.A.	<input type="checkbox"/> D030			
<input type="checkbox"/> D008	<input checked="" type="checkbox"/>	N.A.	N.A.	<input type="checkbox"/> D031			
<input type="checkbox"/> D009HM	N.A.	RMERC	N.A.	<input type="checkbox"/> D032			
<input type="checkbox"/> D009LM	<input checked="" type="checkbox"/>	N.A.	N.A.	<input type="checkbox"/> D033			
<input type="checkbox"/> D010	<input checked="" type="checkbox"/>	N.A.	N.A.	<input type="checkbox"/> D034			
<input type="checkbox"/> D011	<input checked="" type="checkbox"/>	N.A.	N.A.	<input type="checkbox"/> D035			
<input type="checkbox"/> D012	N.A.	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> D036			
<input type="checkbox"/> D013	N.A.	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> D037			
<input type="checkbox"/> D014	N.A.	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> D038			
				<input type="checkbox"/> D039			
				<input type="checkbox"/> D040			
				<input type="checkbox"/> D041			
				<input type="checkbox"/> D042			
				<input type="checkbox"/> D043			

NEWLY IDENTIFIED WASTE NOT CURRENTLY RESTRICTED FROM LAND DISPOSAL

"F" LISTED WASTE				Check All Applicable Waste Numbers			
(1)	(2)	(3)*	(4)	(1)	(2)	(3)*	(4)
EPA CODE NUMBER	40 CFR §268.41 CCWE	40 CFR §268.42 TECH	40 CFR §268.43 CCW	EPA CODE NUMBER	40 CFR §268.41 CCWE	40 CFR §268.42 TECH	40 CFR §268.43 CCW
<input type="checkbox"/> F001***	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F021	<input checked="" type="checkbox"/>	N.A.	N.A.
<input type="checkbox"/> F002***	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F022	<input checked="" type="checkbox"/>	N.A.	N.A.
<input type="checkbox"/> F003***	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F023	<input checked="" type="checkbox"/>	N.A.	N.A.
<input type="checkbox"/> F004***	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F024	<input checked="" type="checkbox"/>	INCIN	<input checked="" type="checkbox"/>
<input type="checkbox"/> F005***	<input checked="" type="checkbox"/>	INCIN**	<input checked="" type="checkbox"/>	<input type="checkbox"/> F025	N.A.	N.A.	<input checked="" type="checkbox"/>
<input type="checkbox"/> F006	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F026	<input checked="" type="checkbox"/>	N.A.	N.A.
<input type="checkbox"/> F007	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F027	<input checked="" type="checkbox"/>	N.A.	N.A.
<input type="checkbox"/> F008	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F028	<input checked="" type="checkbox"/>	N.A.	N.A.
<input type="checkbox"/> F009	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F032	NEWLY LISTED WASTE Not Currently Restricted From Land Disposal		
<input type="checkbox"/> F010	N.A.	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F034			
<input type="checkbox"/> F011	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F035			
<input type="checkbox"/> F012	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F037	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>
<input type="checkbox"/> F019	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>	<input type="checkbox"/> F038	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>
<input type="checkbox"/> F020	<input checked="" type="checkbox"/>	N.A.	N.A.	<input type="checkbox"/> F039*	<input checked="" type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>

GREENFIELD ENVIRONMENTAL CALIFORNIA LAND DISPOSAL RESTRICTION NOTIFICATION

PART I: Generator Information.

GENERATOR NAME: DOUGLAS AIRCRAFT CO
CAD 008 6510005 ⁸⁵⁶³⁶ 93385636 38420
 EPA ID# MANIFEST # PROFILE #

The waste(s) identified on the above referenced manifest and bearing the California waste number(s) identified below is subject to the Land Disposal Restrictions of CCR, Title 22, Division 4.5, Chapter 18.

PART II: Waste Identification.

California waste number(s) 181
 Check the appropriate boxes. (More than one box may apply.)

State of California Restricted Non-RCRA Waste Description Listed in 22 CCR 66268.29		Prohibition Effective Date	Corresponding Treatment Standard (from 22CCR)
1.	Metal-containing aqueous waste identified in section 66268.29(a)	in effect	66268.107(a)
2.	PCB wastes identified in section 66268.29(b)	in effect	66268.110
3.	Auto shredder waste identified in section 66268.29(c)	in effect	66268.106(a)(1)
4.	Nonwastewater solvent waste identified in section 66268.29(d)	in effect	66268.107(b)
5.	Hazardous waste foundry sand identified in section 66268.29(e)	in effect	66268.106(a)(2)
6.	Metal-containing solid waste identified in section 66268.29(g)	1/1/95	66268.106(a)(3)
7.	Fly ash, bottom ash, retort or baghouse waste identified in section 66268.29(h)	in effect	66268.106(a)(4)
8.	Baghouse waste from foundries identified in section 66268.29(i)	in effect	66268.106(a)(5)
9.	Aqueous and liquid organic waste identified in section 66268.29(j)	1/1/95	66268.112
10.	Solid waste containing organics identified in section 66268.29(k)	1/1/95	66268.113
11.	Asbestos-containing waste identified in section 66268.29(m)	in effect	66268.114
12.	Waste with no treatment standard. See section 66268.1(h)	in effect	HSC 25179.3(l)

PART III: Handling Method.

Check the appropriate lines. (More than one line may apply.)

- ☒ 1. The waste is regulated under RCRA and must be handled in accordance with the attached EPA LAND DISPOSAL RESTRICTION NOTIFICATION.
- ☐ 2. The waste identified above must be treated to meet the applicable standards in CCR, Title 22, Division 4.5, Chapter 18, Article 11.
- ☐ 3. The waste identified above can be land disposed without further treatment.
 "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification, that the waste complies with the treatment standards specified in CCR Title 22, division 4.5, chapter 18, article 4 and article 11 and all applicable prohibitions set forth in CCR Title 22, section 66268.32 or RCRA section 3004(d) (42 U.S.C. section 6924(d)). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- ☐ 4. The asbestos waste identified above can be land disposed without further treatment.
 "I warrant that I am an authorized representative of the generator. I certify under penalty of law that the waste complies with the treatment standards specified in CCR Title 22, division 4.5, chapter 18, section 66268.114. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- ☐ 5. The waste identified above is subject to a variance. The effective date of the prohibition is _____ (input the actual effective prohibition date from Part II above).

PART IV: Generator Certification.

I warrant that I am an authorized representative of the generator. I certify under penalty of law that the waste complies with the treatment standards specified in CCR, Title 22, Division 4.5, Chapter 18, Section(s) 66268. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Signature: Robert G. Tuell, Jr. Date: 04-07-94
 Print or Type Name: Robert G. Tuell, Jr.
 Title: Senior Plant Engineer

GREENFIELD ENVIRONMENTAL LAND DISPOSAL RESTRICTION NOTIFICATION

Generator Name: DOUGLAS AIRCRAFT EPA ID #: CA.D08651000.5
Manifest/Document #: 85636 / 93385636 Profile #: 38421

This waste stream is (check one) a _____ wastewater (<1% total organic carbon and <1% total suspended solids) _____ nonwastewater. Some exceptions to this definition exist, please contact your Greenfield Client Services Representative if you have any questions. If you checked wastewater, please contact your Client Services Representative to obtain alternate forms.

Pursuant to 40 CFR 268.7, I am notifying (check one):

_____ Appropriate Technologies, Inc. _____ Greenfield Environmental of Arizona

that under the above listed profile number and manifest number, I am shipping to you a waste identified by the EPA waste number(s) and subcategory(ies) indicated in this LDR form, which is subject to the Land Disposal Restrictions as indicated.

FEDERAL CALIFORNIA LIST (check all which apply and submit attachment I):

_____ HOCs _____ PCBs _____ ACID _____ METALS _____ CYANIDES

NOTE: A California list waste is (1) a hazardous waste containing Halogenated Organic Compounds (HOCs) per 40 CFR 268 appendix III at a concentration ≥ 1000 mg/kg or mg/l, or (2) a liquid hazardous waste (including free liquids; use Method 9095 from EPA manual SW-846 to determine if you have a liquid) having a pH < 2.0 and/or containing any of the following materials at a concentration \geq that specified: PCBs, 50 ppm, or (in mg/l) free cyanides, 1000; As, 500; Cd, 100; Cr(VI), 500; Pb, 500; Hg, 20; Ni, 134; Se, 100; TI, 130.

HAZARDOUS DEBRIS WASTE STREAMS

_____ Hazardous debris subject to the alternative treatment standards of 40 CFR 268.45.

_____ Hazardous debris subject to a capacity variance extension (expires 5/8/94). I have fulfilled all of the "good faith" requirements as indicated in 58 FR 28506 dated 14 May 1993.

NOTE: Hazardous Debris is a solid material exceeding 60 mm particle size that is intended for disposal and that is: a manufactured object; or plant or animal matter; or natural geologic material which contains a hazardous waste listed in 40 CFR 261 Subpart D or exhibits a characteristic of hazardous waste identified in 40 CFR 261 Subpart C.

F039, D001, D002 UNDERLYING CONSTITUENTS

_____ F039 multi-source leachate. Indicate the constituents which apply on attachment II and submit with this LDR notification form.

_____ D001 ($\geq 10\%$ TOC). F039 underlying constituents do not apply. Do not submit attachment II.

_____ D001 all descriptions at 40 CFR 261.21 except for the section 261.21(a)(1) High TOC Ignitable Liquids Subcategory managed in non-CWA/non-CWA-equivalent/non-Class I SDWA systems. Indicate the constituents which apply at levels above those indicated on attachment II and submit with this LDR notification form.

_____ D001 all descriptions at 40 CFR 261.21 except for the section 261.21(a)(1) High TOC Ignitable Liquids Subcategory managed in CWA/CWA-equivalent/Class I SDWA systems. F039 underlying constituents do not apply. Do not submit attachment II.

_____ D001 all descriptions at 40 CFR 261.21 except for the section 261.21(a)(1) High TOC Ignitable Liquids Subcategory managed via FSUBS, INCIN, or RORGS. F039 underlying constituents do not apply. Do not submit attachment II.

_____ D002 Corrosive wastes managed in non-CWA/Non-CWA-equivalent/non-Class I SDWA systems. Indicate the constituents which apply at levels above those indicated on attachment II and submit with this LDR notification form.

_____ D002 Corrosive wastes managed in CWA/CWA-equivalent/Class I SDWA systems. F039 underlying constituents do not apply. Do not submit attachment II.

APPENDIX IV/V LAB PACKS

_____ Lab pack wastes packaged in accordance with appendix IV/V requirements. Complete attachment III and submit the certification.

GENERATOR CERTIFICATION (Initial on the line for the appropriate certification.)

1. RESTRICTED WASTE WHICH REQUIRES TREATMENT

This waste stream must be treated to meet the applicable standards set forth in 40 CFR 268 Subpart D, 268.32, or RCRA section 3004(d).

2. RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

3. RESTRICTED WASTE TREATED BY A SPECIFIED TECHNOLOGY

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

4. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste stream is subject to a national capacity variance, or a case-by-case extension, or other variance. The effective date of the prohibition is (enter actual date) _____

5. RESTRICTED WASTE WHICH MAY BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

6. WASTE WHICH IS NOT CURRENTLY SUBJECT TO PART 268 REGULATIONS

This waste stream is a newly identified, newly listed, or non-RCRA waste which is not currently subject to any 40 CFR part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature: Robert G. Tuell, Jr.

Date: 04-07-94

Printed/Typed Name: Robert G. Tuell, Jr.

Title: Senior Plant Engineer

Rev 10/93

GREENFIELD ENVIRONMENTAL CALIFORNIA LAND DISPOSAL RESTRICTION NOTIFICATION

PART I: Generator Information.

GENERATOR NAME: DOUGLAS AIRCRAFT CO.
CAD086510005 85636/93385636 38421
 EPA ID# MANIFEST # PROFILE #

The waste(s) identified on the above referenced manifest and bearing the California waste number(s) identified below is subject to the Land Disposal Restrictions of CCR, Title 22, Division 4.5, Chapter 18.

PART II: Waste Identification.

California waste number(s) 181
 Check the appropriate boxes. (More than one box may apply.)

State of California Restricted Non-RCRA Waste Description Listed in 22 CCR 66268.29		Prohibition Effective Date	Corresponding Treatment Standard (from 22CCR)
1.	Metal-containing aqueous waste identified in section 66268.29(a)	in effect	66268.107(a)
2.	PCB wastes identified in section 66268.29(b)	in effect	66268.110
3.	Auto shredder waste identified in section 66268.29(c)	in effect	66268.106(a)(1)
4.	Nonwastewater solvent waste identified in section 66268.29(d)	in effect	66268.107(b)
5.	Hazardous waste foundry sand identified in section 66268.29(e)	in effect	66268.106(a)(2)
✓ 6.	Metal-containing solid waste identified in section 66268.29(g)	1/1/95	66268.106(a)(3)
7.	Fly ash, bottom ash, retort or baghouse waste identified in section 66268.29(h)	in effect	66268.106(a)(4)
8.	Baghouse waste from foundries identified in section 66268.29(i)	in effect	66268.106(a)(5)
9.	Aqueous and liquid organic waste identified in section 66268.29(j)	1/1/95	66268.112
10.	Solid waste containing organics identified in section 66268.29(k)	1/1/95	66268.113
11.	Asbestos-containing waste identified in section 66268.29(m)	in effect	66268.114
12.	Waste with no treatment standard. See section 66268.1(h)	in effect	HSC 25179.3(i)

PART III: Handling Method.

Check the appropriate lines. (More than one line may apply.)

- _____ 1. The waste is regulated under RCRA and must be handled in accordance with the attached EPA LAND DISPOSAL RESTRICTION NOTIFICATION.
- ✓ _____ 2. The waste identified above must be treated to meet the applicable standards in CCR, Title 22, Division 4.5, Chapter 18, Article 11.
- _____ 3. The waste identified above can be land disposed without further treatment.
 "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification, that the waste complies with the treatment standards specified in CCR Title 22, division 4.5, chapter 18, article 11 and all applicable prohibitions set forth in CCR Title 22, section 66268.32 or RCRA section 3004(d) (42 U.S.C. section 6924(d)). I believe the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- _____ 4. The asbestos waste identified above can be land disposed without further treatment.
 "I warrant that I am an authorized representative of the generator. I certify under penalty of law that the waste complies with the treatment standards specified in CCR Title 22, division 4.5, chapter 18, section 66268.114. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- ✓ _____ 5. The waste identified above is subject to a variance. The effective date of the prohibition is 1/1/95 (input the actual effective prohibition date from Part II above).

PART IV: Generator Certification.

I warrant that I am an authorized representative of the generator. I certify under penalty of law that the waste complies with the treatment standards specified in CCR, Title 22, Division 4.5, Chapter 18, Section(s) 66268. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Signature: Robert G. Tuell, Jr. Date: 04-07-94
 Print or Type Name: Robert G. Tuell, Jr.
 Title: Senior Plant Engineer



Laidlaw Environmental Services of California, Inc.

SERVICE ORDER 92-77407
 JOB NO. 240120
 DATE 4-4-94 4-5-94

TRANSPORTATION SERVICE ORDER

Transportation ID #: CAD000083121

☐ 4501 Pacheco Blvd.
 Martinez, CA 94553
 (510) 372-4800

☐ 3237 Patton Way
 Bakersfield, CA 93308
 (805) 835-5801 or
 (805) 589-4970

☒ 221 E. "D" Street
 Wilmington, CA 90744
 (310) 518-4700

Customer Name: DOUGLAS AIRCRAFT Telephone: 310-533-7926-310-533 7231
 Billing Address: _____ Contact Person: FRED WENDLAND FT
 City: TORRANCE State CA BOE #: _____
 Job Location: 190TH X NORMANDE Destination: CHEM TECH
 Type of Material: DRUMS Sales Person: _____
 Generator: _____ EPA Number: _____
 Generator ID Number (State): _____ Facility EPA NO.: _____
 Disposal: LES Facility _____ Outside Facility ☒ None _____ Customer P.O. 27064 - H6037/HW071
 M: st #93385636 #93385635 #93385637-93385638-93385640
 Services Performed 1 FLAT RACK 0800 TORRANCE + LONG BEACH
1 GEAR TRUCK PLU 30 DRUMS
HAUL TO CHEM TECH 01000 TO NORRIS
Pick up 33 Drums in Torrance and 11 in Long Beach Del to Chem Tech
 Start Miles: 275666 End Miles: 275733 Total Miles: 67
 Truck No.: 16032 Trailer No: 16036 T Net Wgt: _____
 Capacity: _____
 Driver Time: Start (AM/PM) 0630 Stop (AM/PM) _____ Gross Time 11 H.R
 Meals: Start Time (AM/PM) _____ Stop (AM/PM) _____ Less Time _____
 Other Time _____ Detail _____ Adj. Time _____
 Driver's Name Phil Carter Driver No. 99629 Total Time _____
 Customer Site: Time In 0800-07:15 Disposal Site: Time In 14:00 Time In _____
 Time Out 11:45 12:30 13:15 Time Out 15:55 Time Out _____
 Explanation of Time: Waiting for manifest 09:45 Tel. 11:15

CUSTOMER AUTHORIZATION AND APPROVAL SIGNATURE: Joe R. Montoya

FOR ACCOUNTING ONLY

PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT	PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT
14000	TRANS		ST			24015	HAZ SOLIDS				
14000	TRANS		OT			24015	HAZ SOLIDS				



SERVICE ORDER 92-77407
 JOB NO. 240120
 DATE 4-4-94 4-5-94

TRANSPORTATION SERVICE ORDER

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☒ 221 E. "D" Street
 Wilmington, CA 90744
 (310) 518-4700

Customer Name: DOUGLAS AIRCRAFT Telephone: 310-533-7926-310-533 7231
 Billing Address: _____ Contact Person: FRED WENDLAND FT
 City: TORRANCE State CA BOE #: _____
 Job Location: 190TH X NORMANDIE Destination: CHEMTECH
 Type of Material: DRUMS Sales Person: _____
 Generator: _____ EPA Number: _____
 Generator ID Number (State): _____ Facility EPA NO.: _____
 Disposal: LES Facility _____ Outside Facility ☒ None _____ Customer P.O. 27064-H6037/H4071
 Manifest # 93385636 # 93385637 # 93385637-93385638-93385640 # CHEMTECH
 Services Performed 1 FLATRACK 0800 TORRANCE + LONG BEACH
1 GEAR TRUCK PU 30 DRUMS
HAUL TO CHEMTECH 0100 TO NORRIS
Pick up 33 Drums in Torrance and 11 in Long Beach Del to Chem Tech
 Start Miles: 275666 End Miles: 275733 Total Miles: 67
 Truck No.: 16032 Trailer No: 16036T Net Wgt: _____
 Capacity: _____
 Driver Time: Start (AM/PM) 0630 Stop (AM/PM) _____ Gross Time 11 HR
 Meals: Start Time (AM/PM) _____ Stop (AM/PM) _____ Less Time _____
 Other Time _____ Detail _____ Adj. Time _____
 Driver's Name Michael Carter Driver No. 99629 Total Time _____
 Customer Site: Time In 0800-07:15 Disposal Site: Time In 14:00 Time In _____
 Time Out 11:45 12:30 Time Out 15:55 Time Out _____
 Explanation of Time: Waiting for manifest 09:45 Tel. 11:15

CUSTOMER AUTHORIZATION AND APPROVAL SIGNATURE: Joe R. Montoya

FOR ACCOUNTING ONLY

PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT	PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT
14000	TRANS		ST			24015	HAZ SOLIDS				
14000	TRANS		OT			24015	N/HAZ SOLIDS				
14000	TRANS		DT			24010	HAZ LIQUIDS				
	2ND DRIVER					24010	N/HAZ LIQUIDS				
	SUBHAULER					24020	DRUMS				
54045	LABOR					24025	SOLID SURCHG				
94065	BIN RENTAL					24025	STABILIZATION				
14000	TRANS (NO DISP)					24025	LIQ SURCHG				
14000	WASHOUT						TAXES				
14000	SCALE/CERTS						TAXES				
14000	SUBSISTENCE					34035	ANALYTICAL				
74055	TOLLS					74055	MISC CHARGES				
90465	TYVEK					74055	MISC CHARGES				
90465	BOOTS										
90465	GOGGLES										
90465	GLOVES										
90465	BIN LINERS										
70455	OTHERS										